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SE 26 May 1983

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En 8 Dec 1983

(51) INT CL³ (As given by ISA)
F24J 3/02

(52) Domestic classification
F4U 60

(56) Documents cited by ISA
US A 4167935
US A 4271825

(58) Field of search by ISA
INT CL³ F24J 3/02
US CL *126*: 270, 271, 450
including SE, NO, DK, FI classes as above

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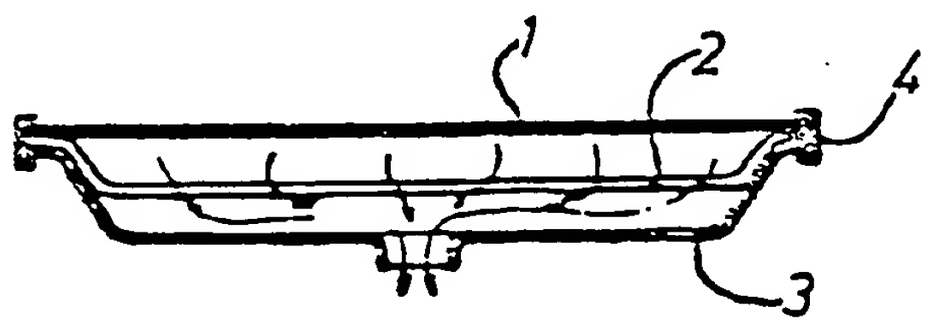
(54) Solar collector

(57) In a solar collector, an absorber element (2) is enclosed between a supporting panel (3) and a transparent cover (1). The supporting panel is compression moulded of a fiber material with a thermosetting binding agent to a generally trough-like shape having a bottom portion and side walls made integral therewith. According to the invention, the degree of compression of the supporting panel (3) varies such that it is less compressed and has a greater thickness at portions in which the requirement of thermal insulation is high, and more compressed at portions in which the requirement of strength is high.



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WEST

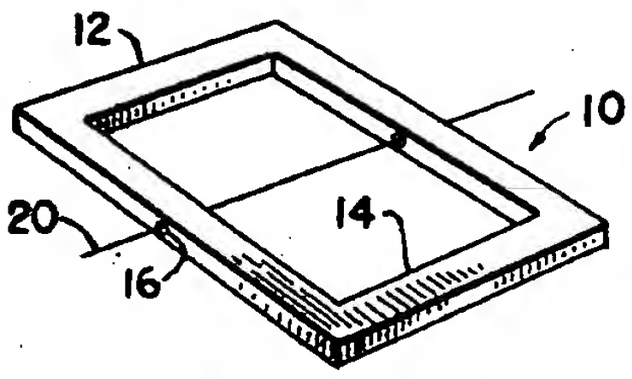

FIG. 1

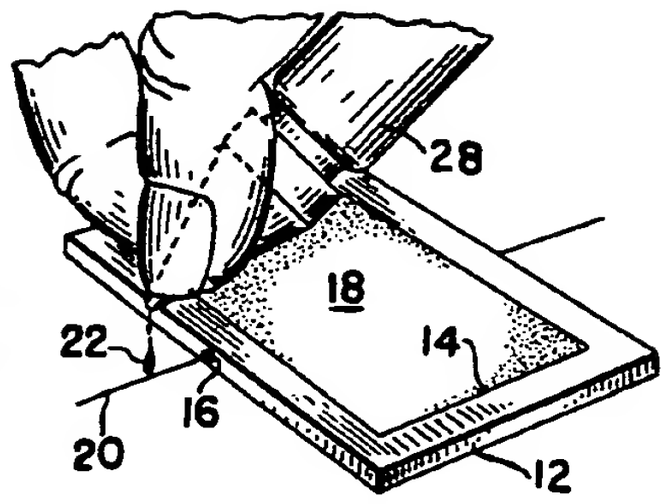

FIG. 2

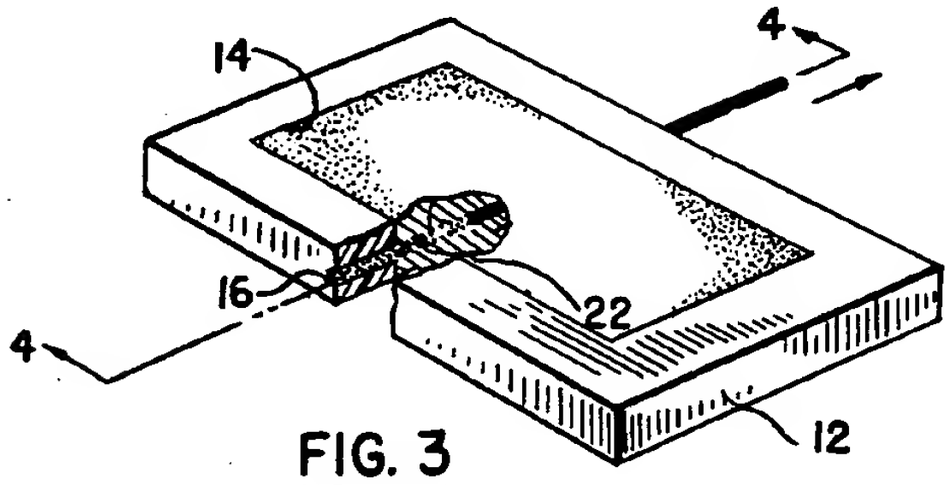

FIG. 3

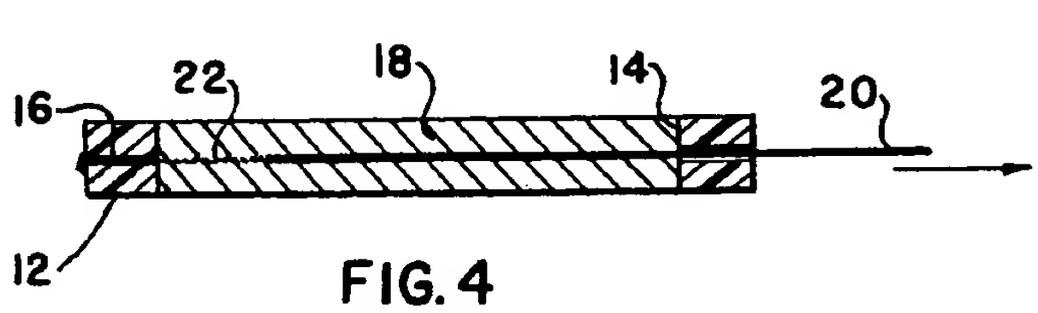

FIG. 4

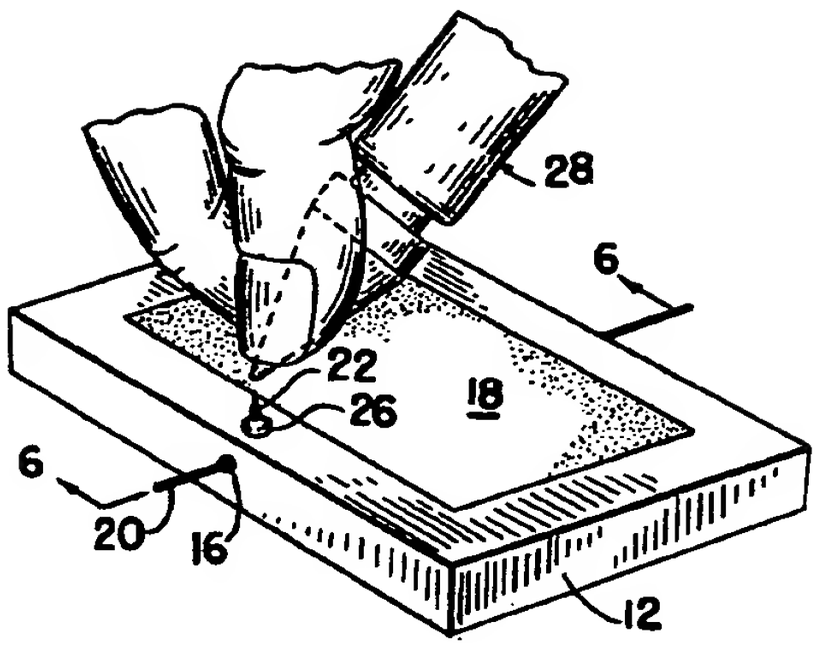

FIG. 5

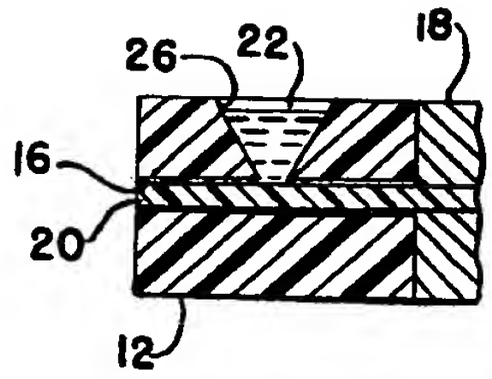

FIG. 6

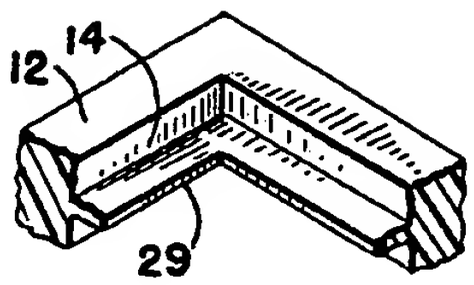

FIG. 8

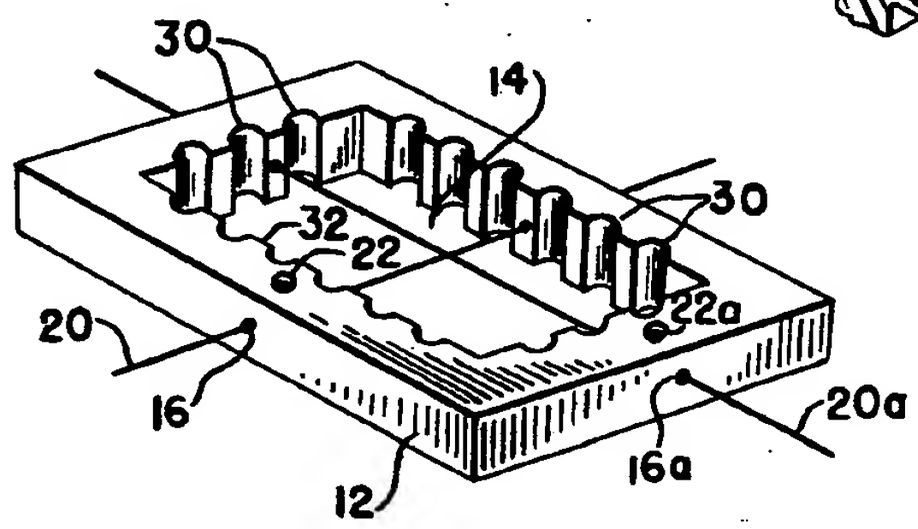

FIG. 7

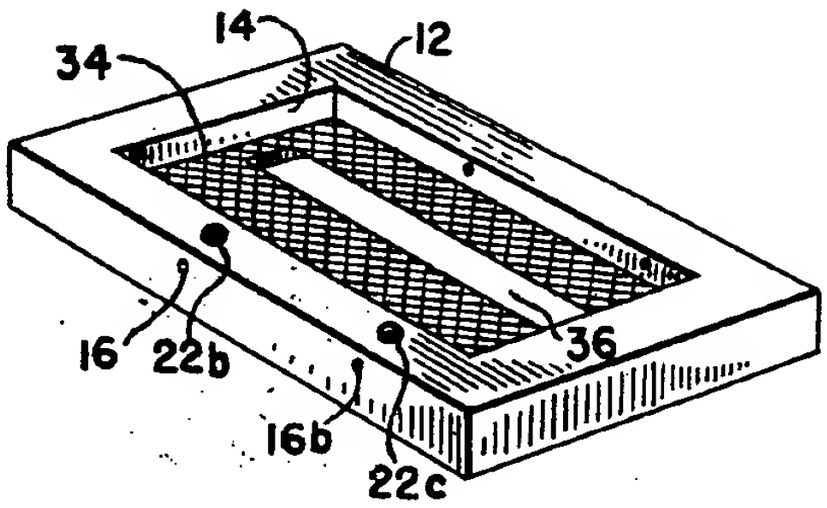

FIG.9

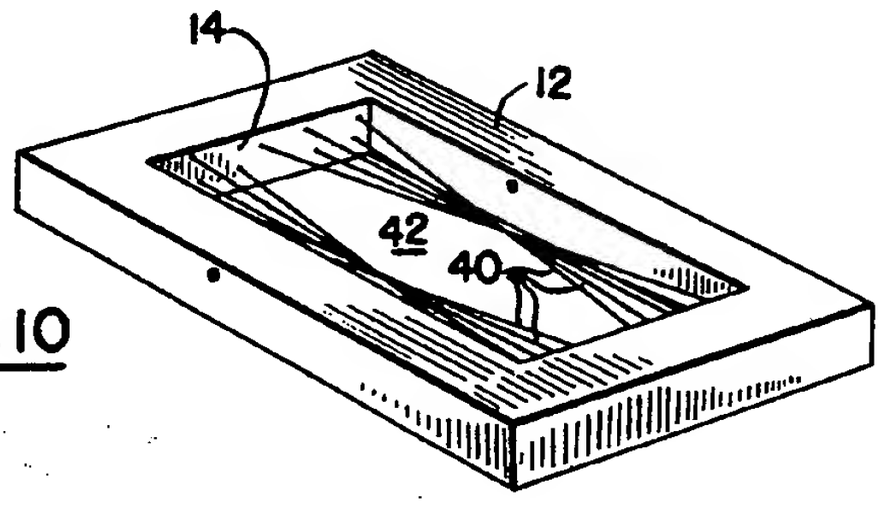

FIG. 10

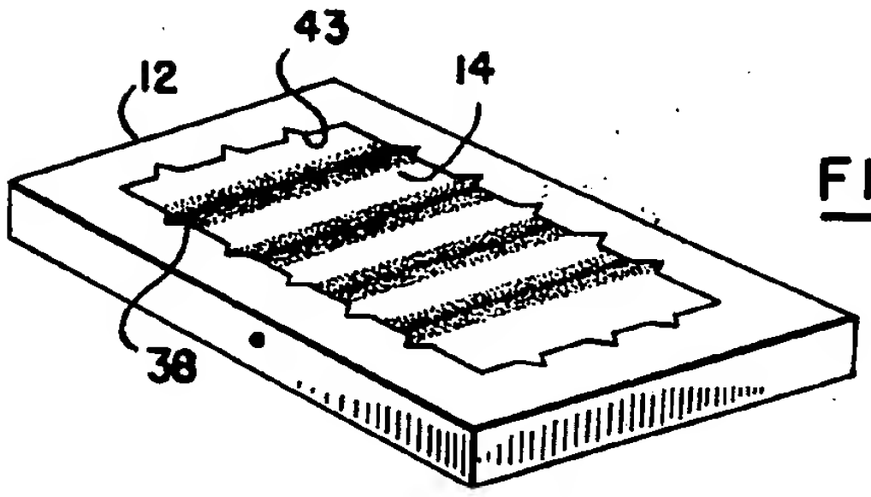

FIG. 11

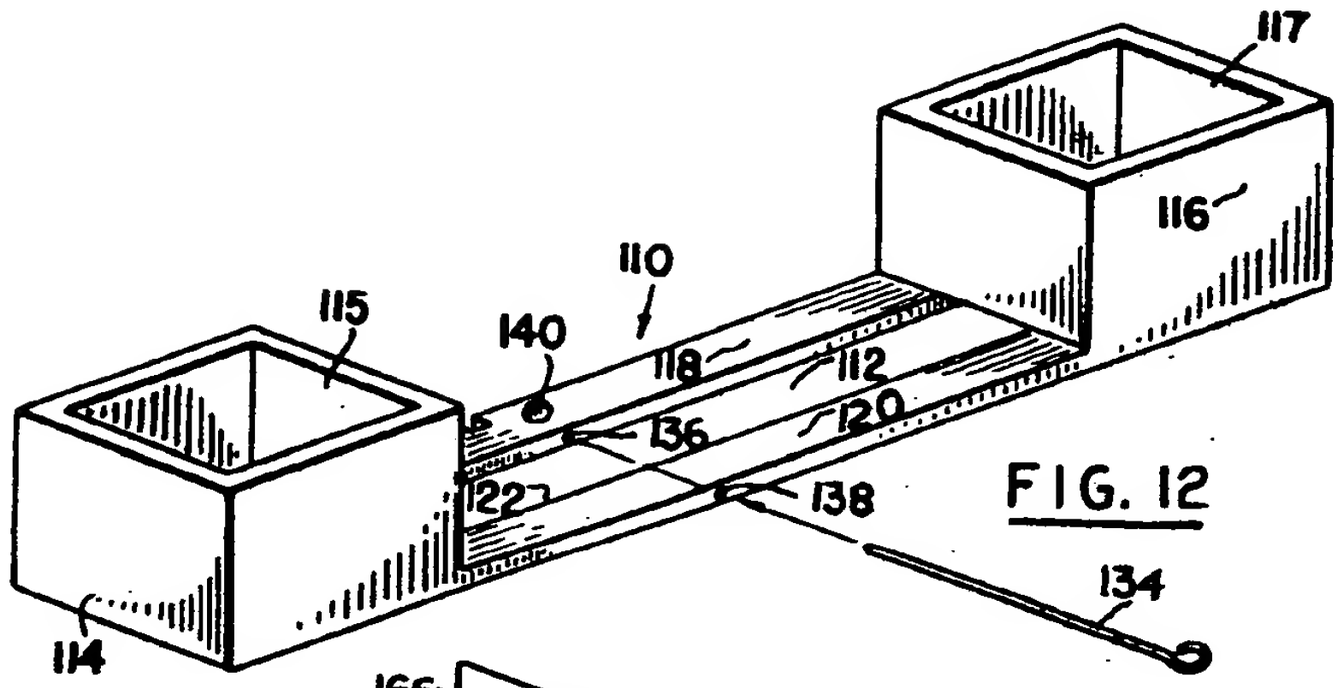
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FIG. 12

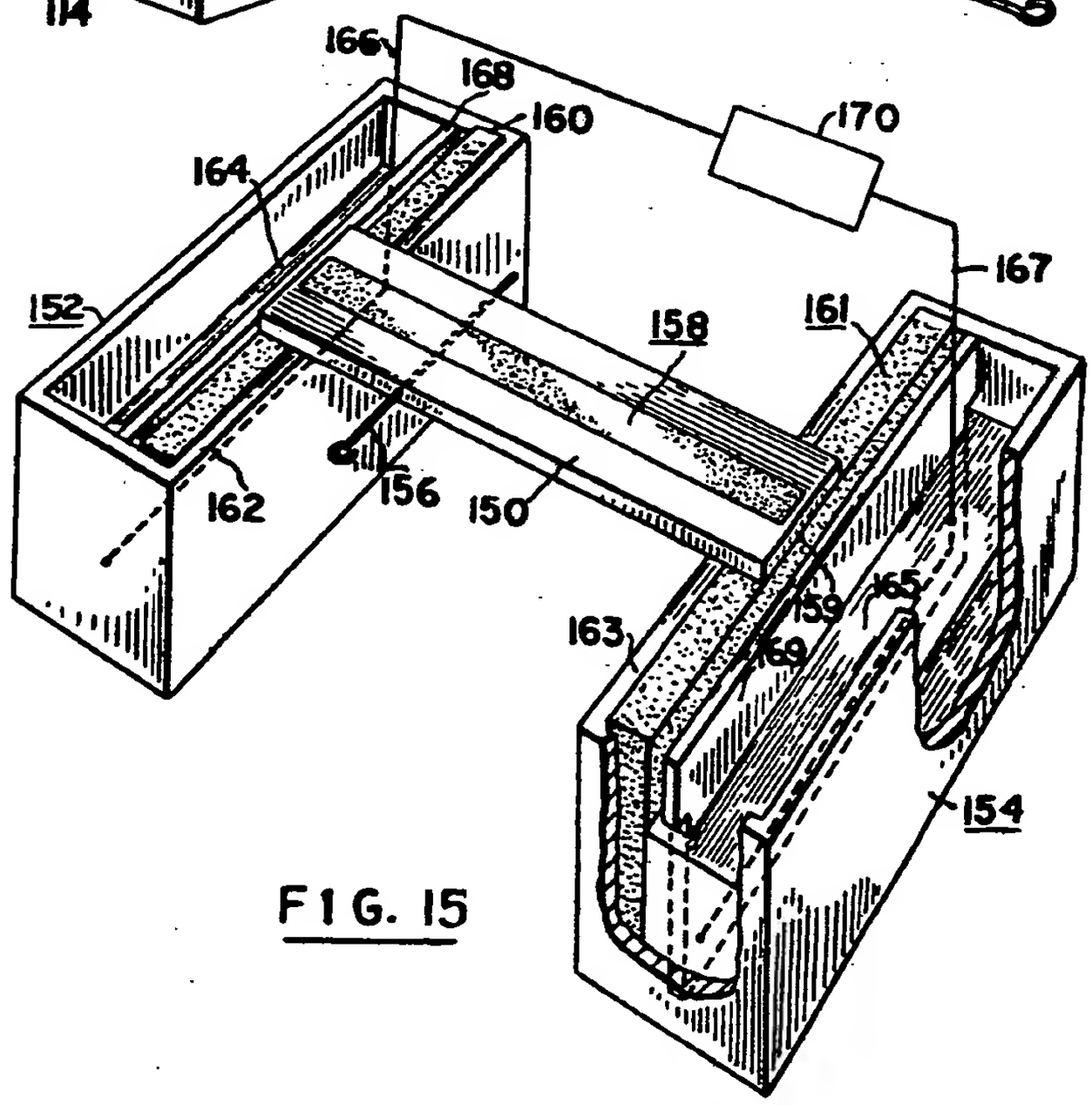
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FIG. 15

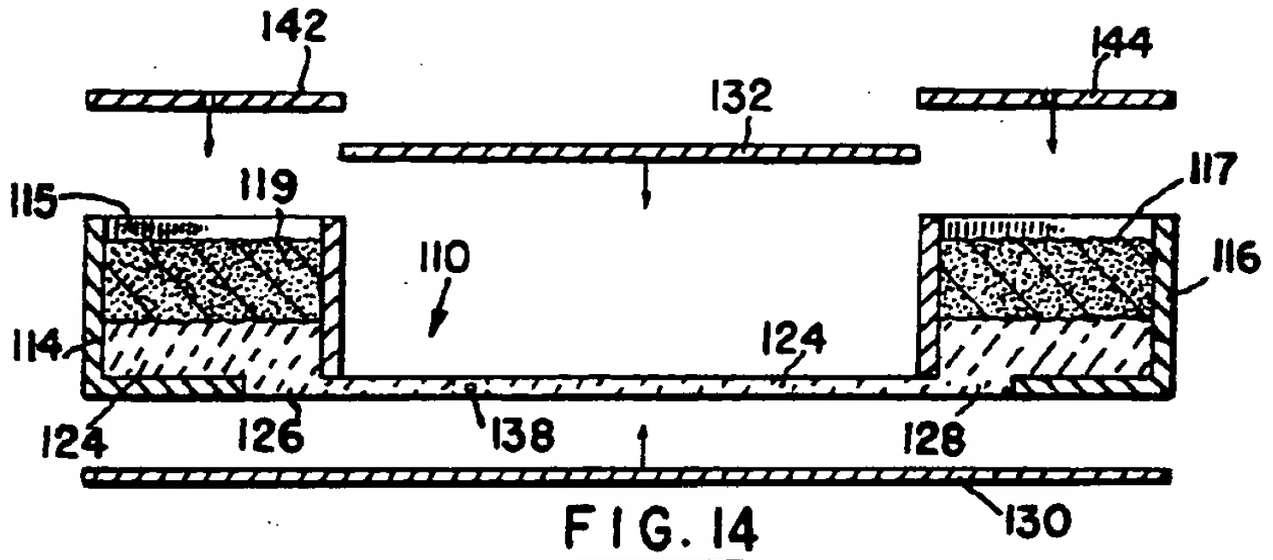


FIG. 14

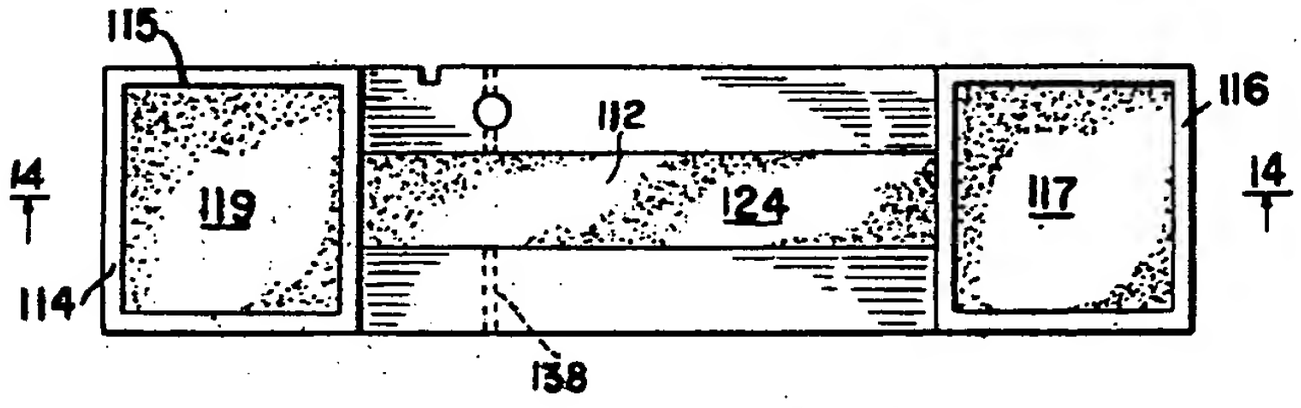
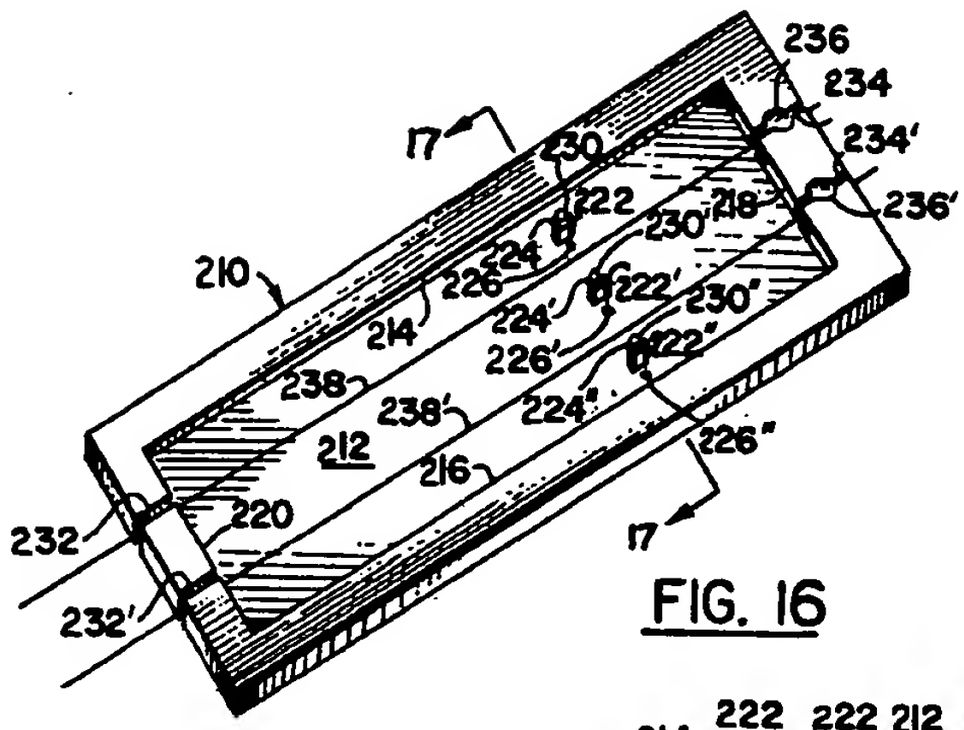


FIG. 13

WEST



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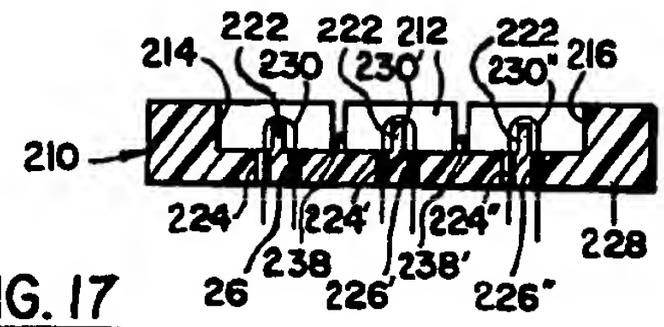
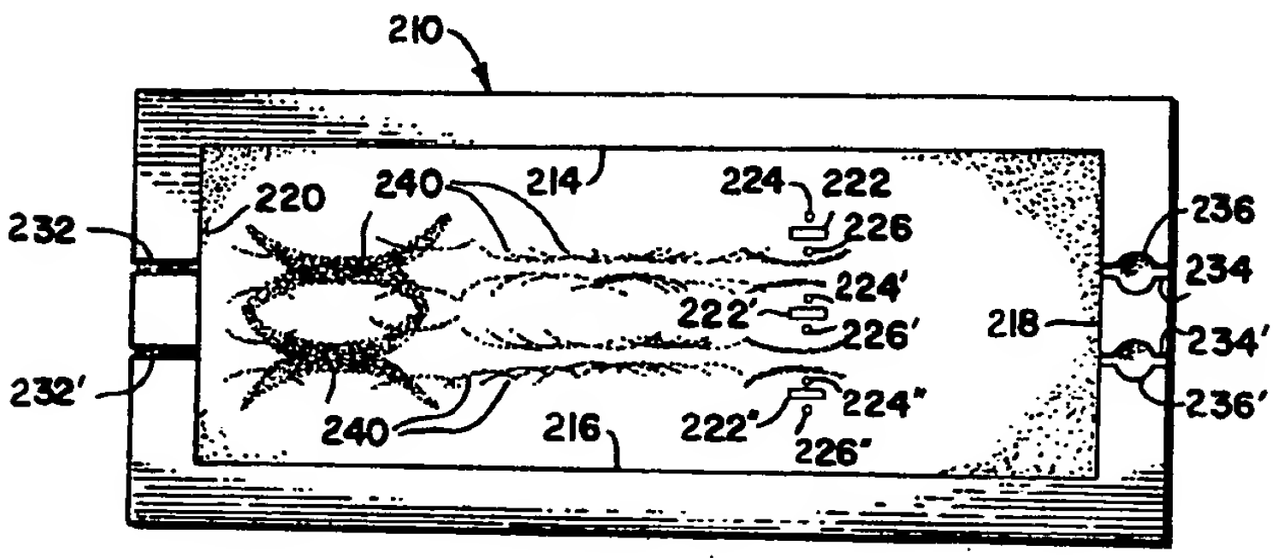


FIG. 17



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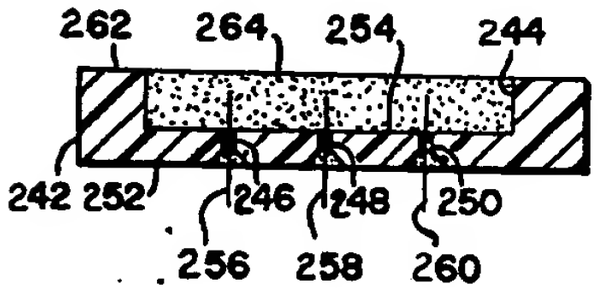

FIG. 19

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39a 6 17-16 AT: 10.08.1971 OT: 10.02.1972

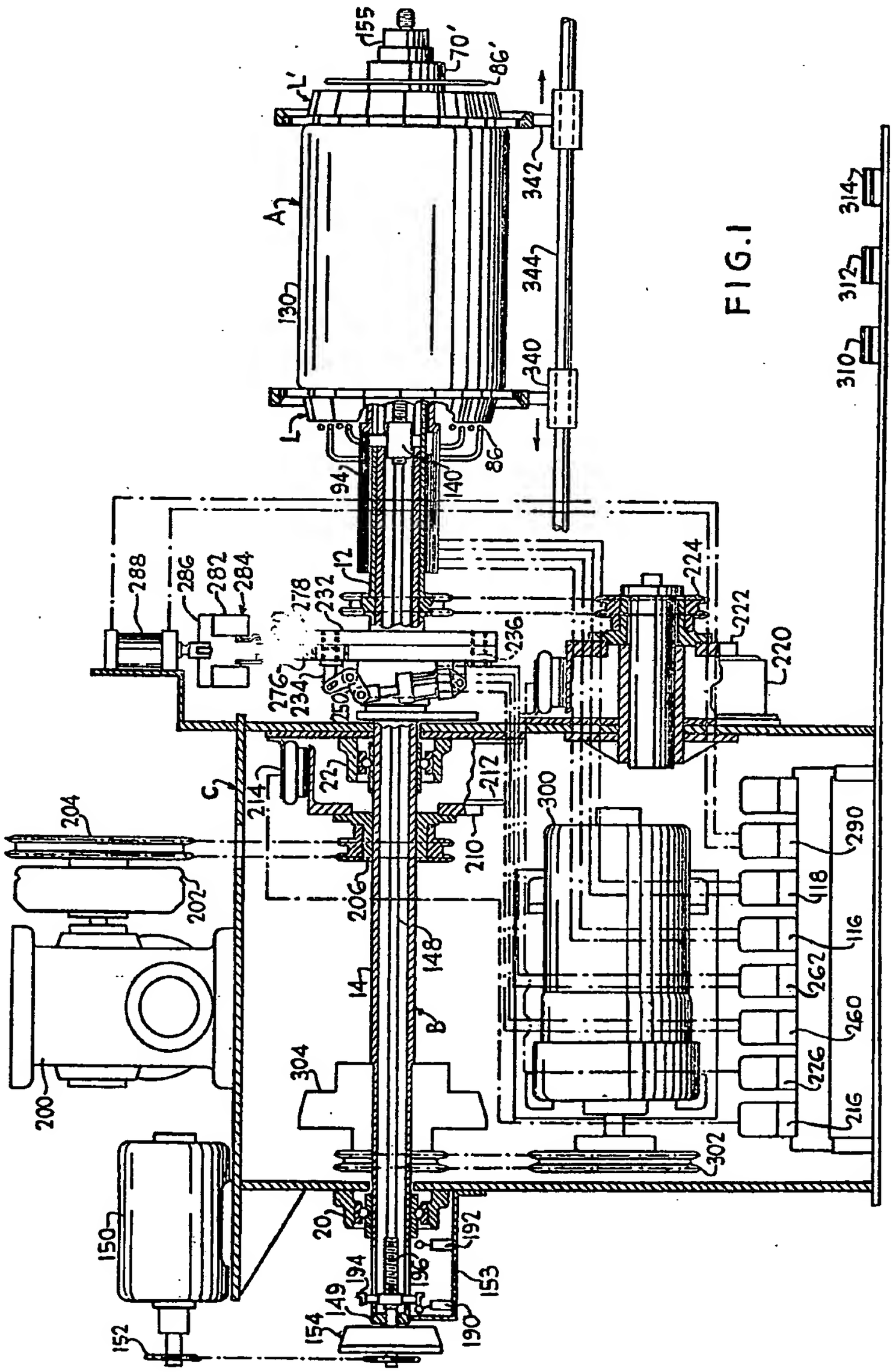

FIG.1

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WEST

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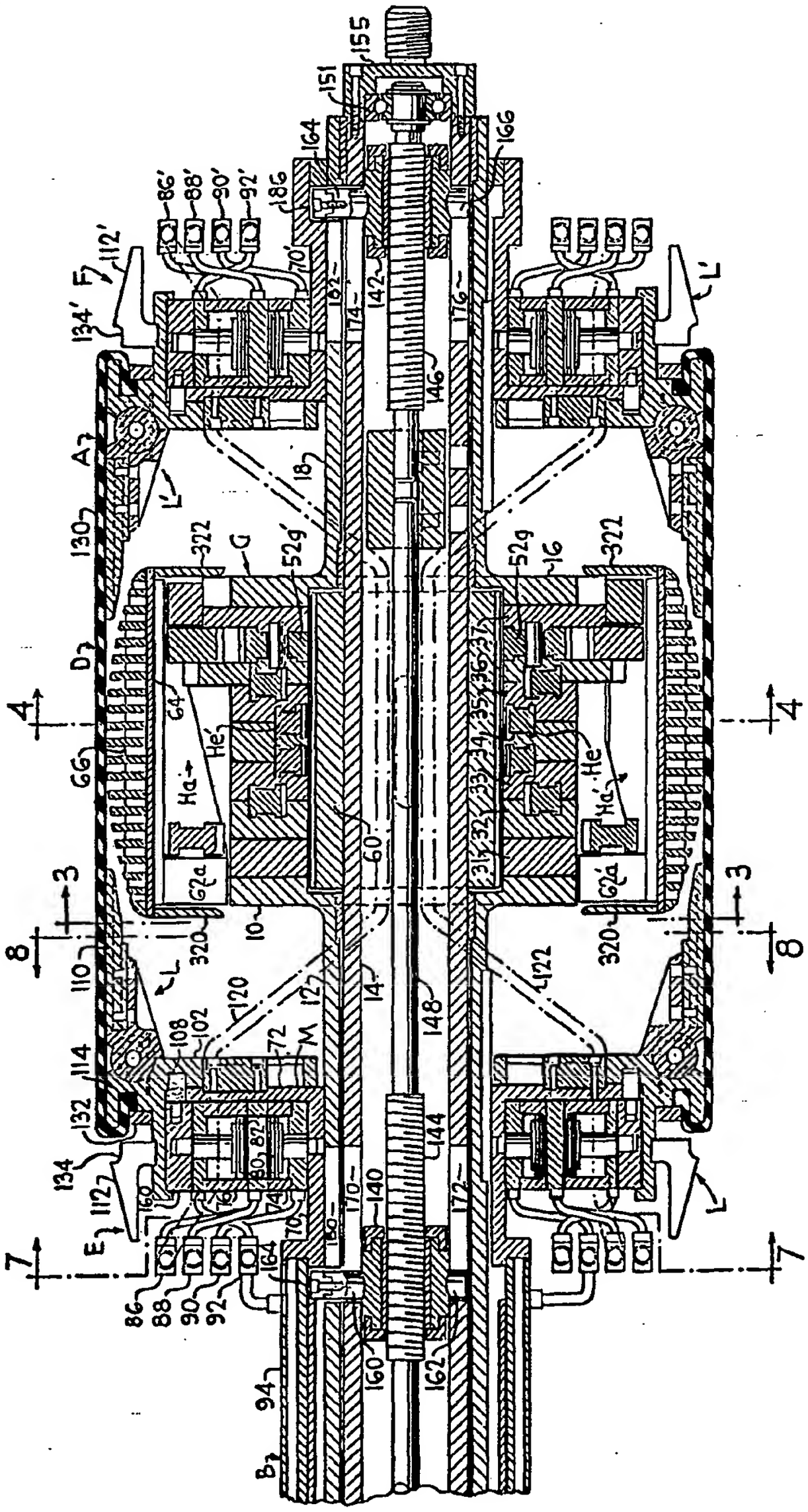

FIG. 2.

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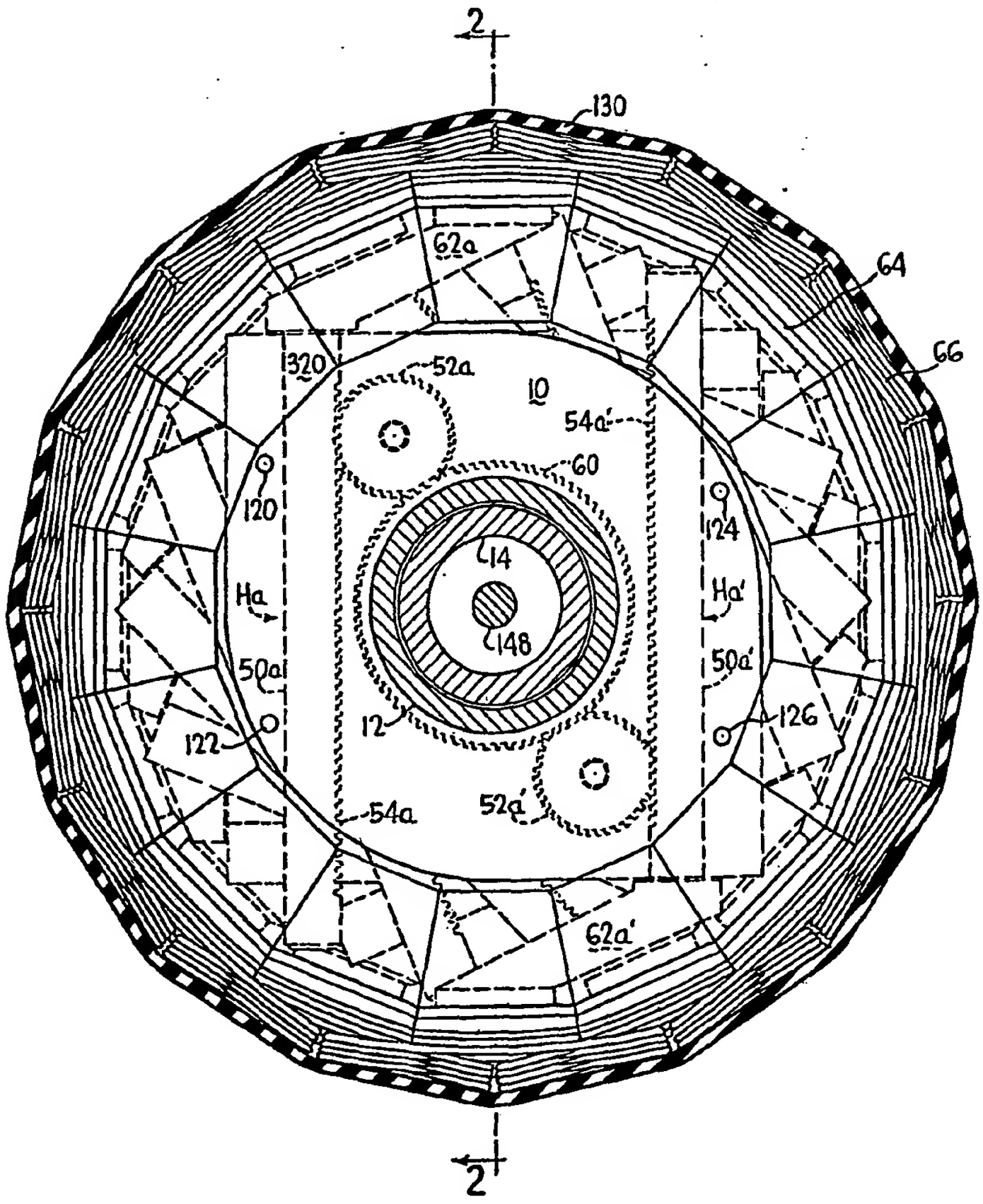

FIG. 3.

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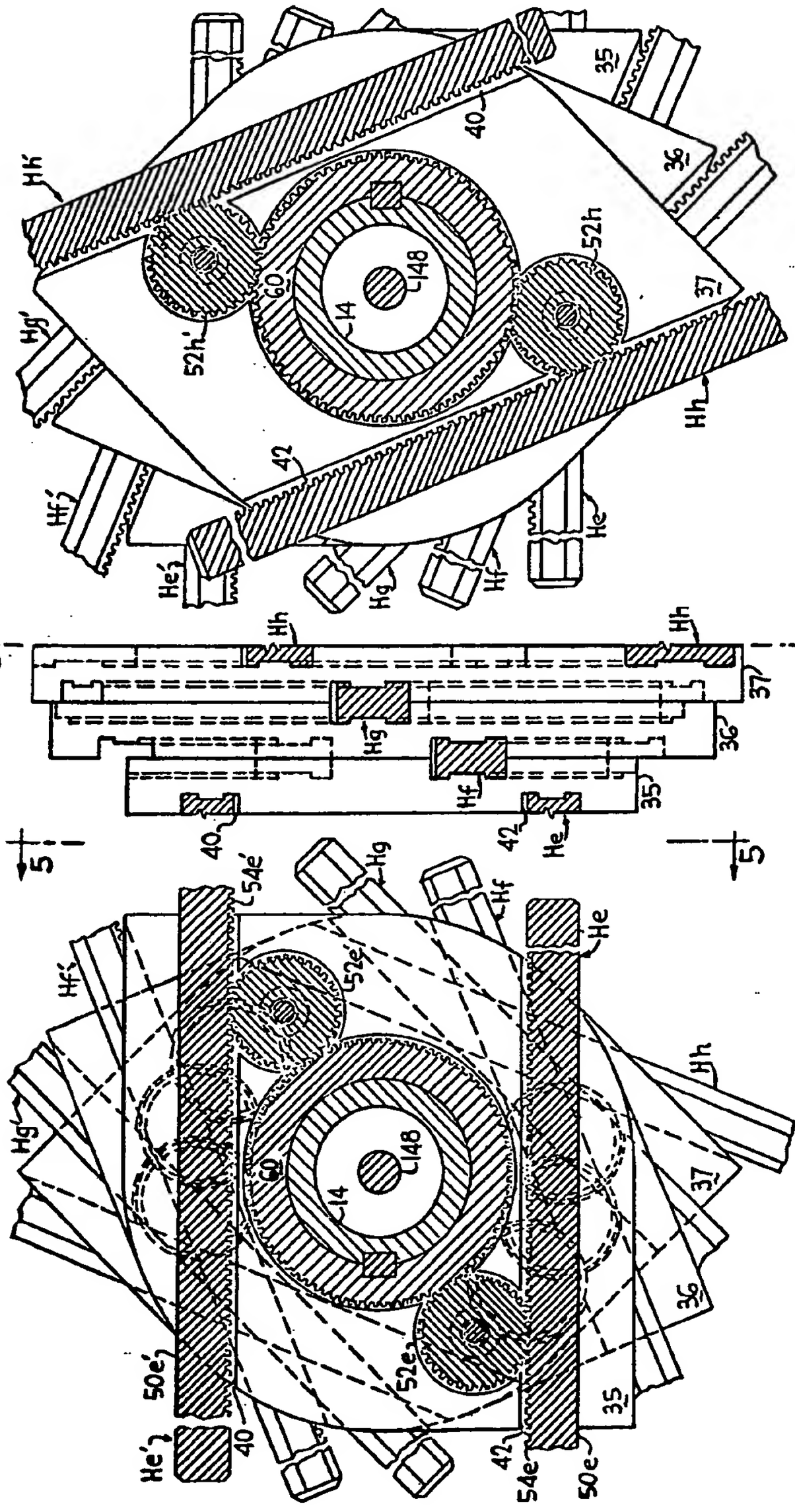

FIG. 5.

FIG. 4.

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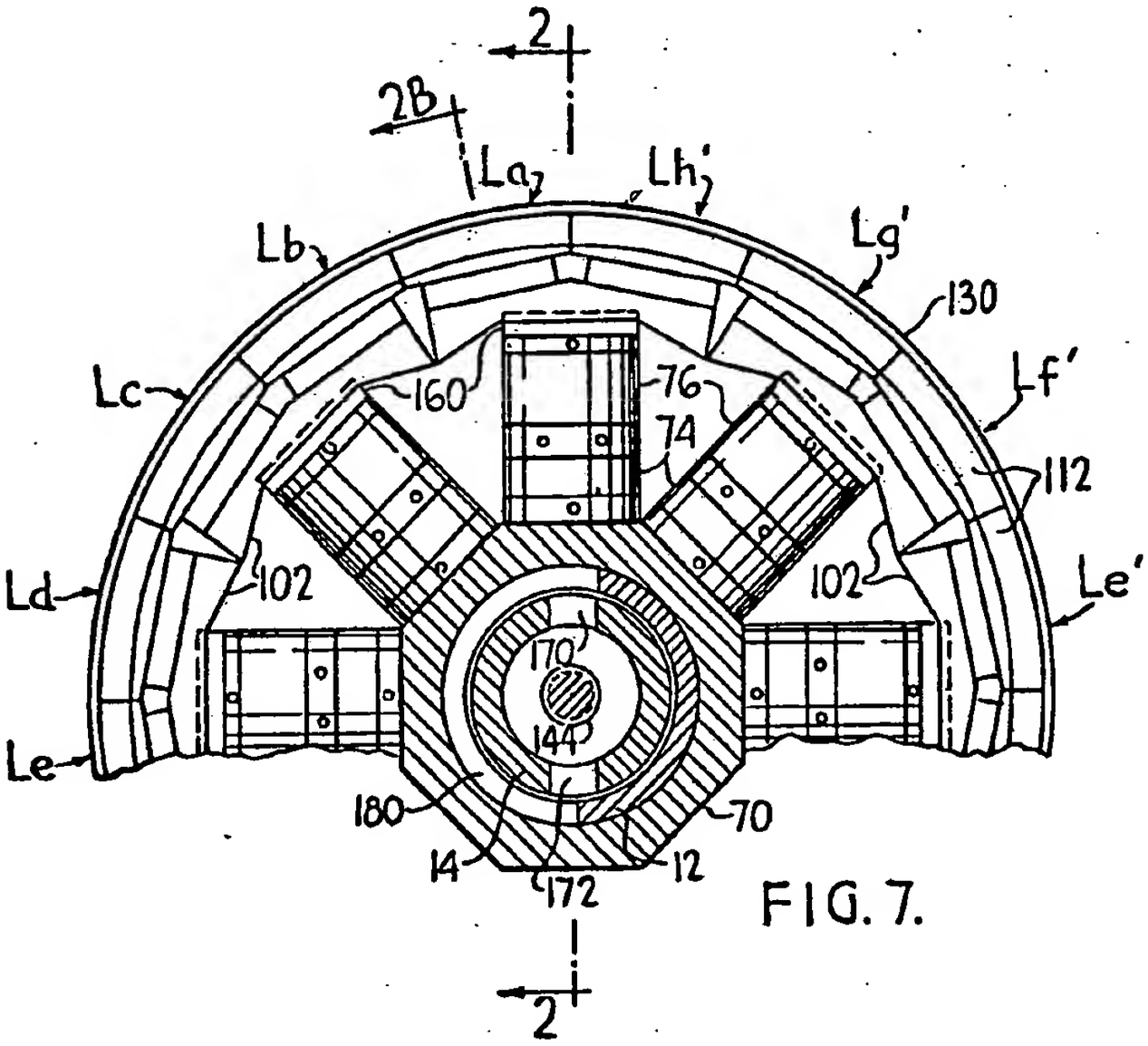

FIG. 7.

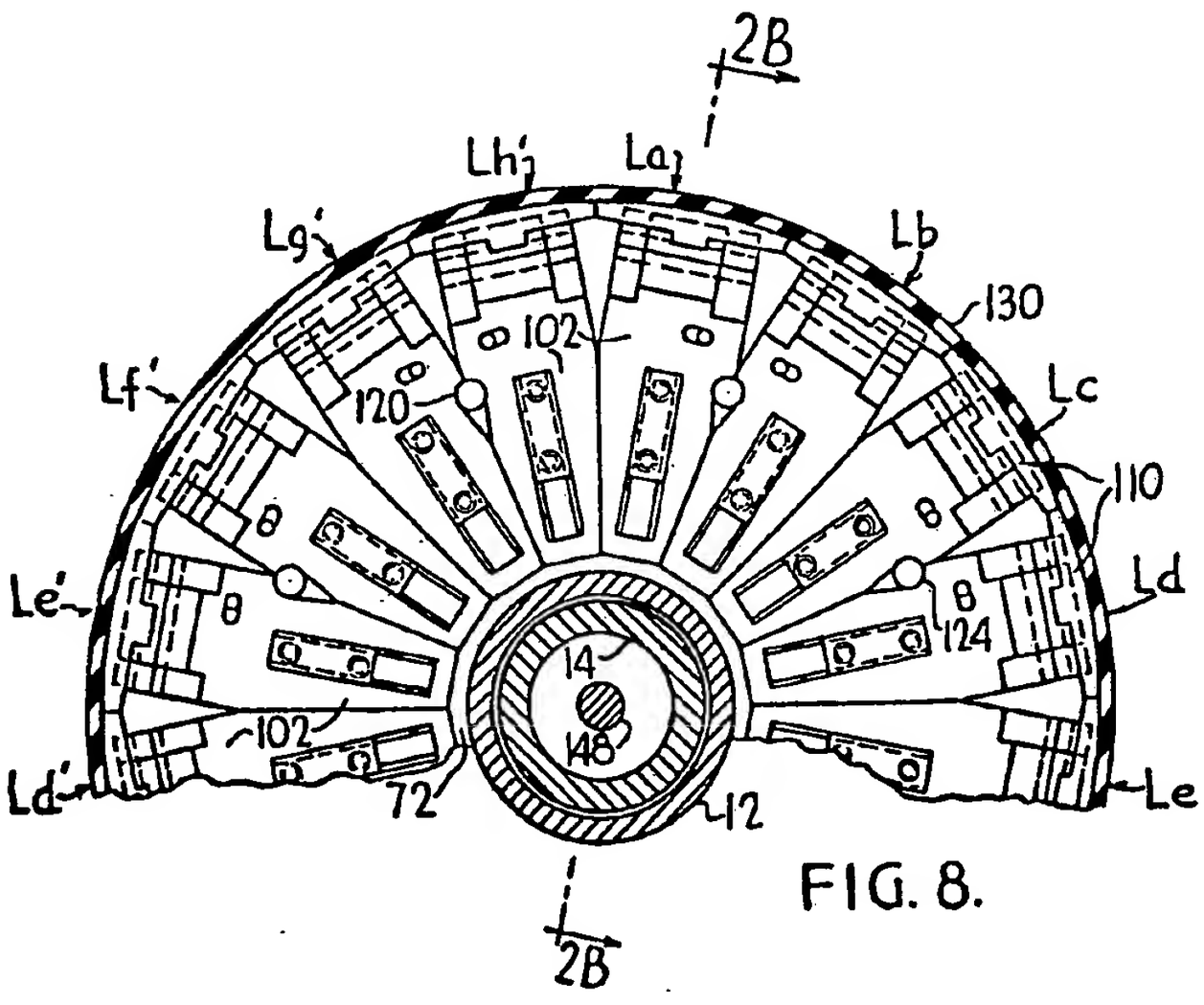

FIG. 8.

WEST

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Unterlagen am 10.8.71.

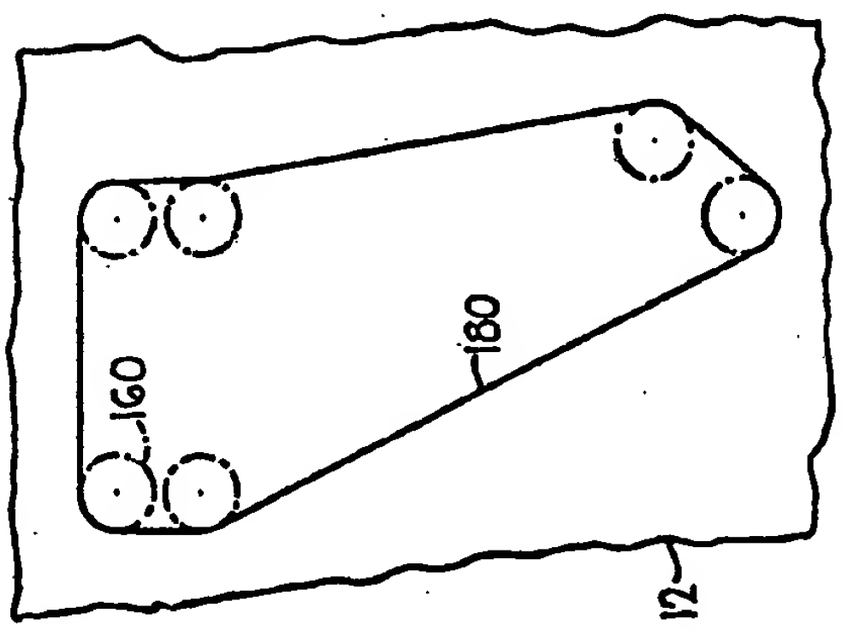

FIG. 11.

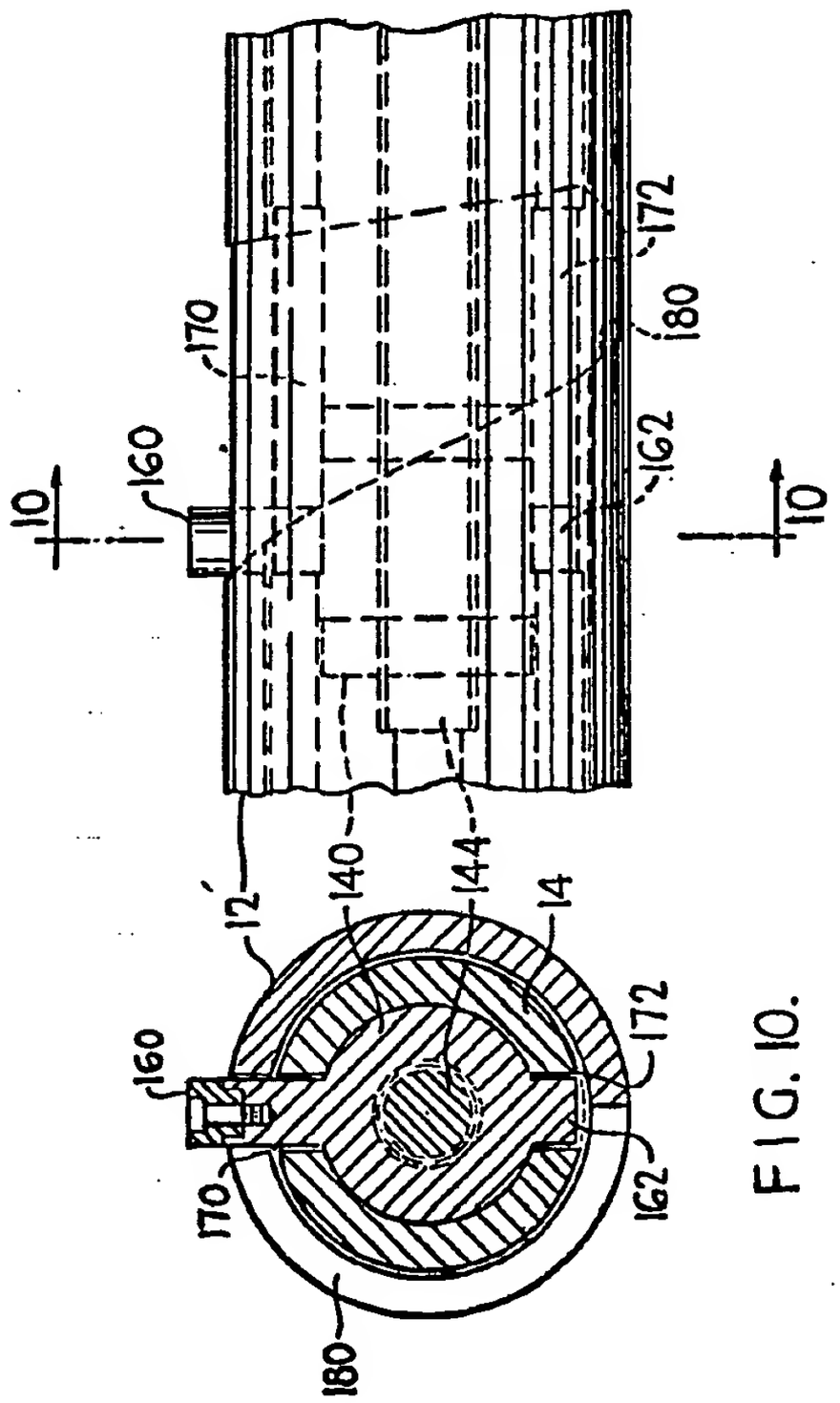

FIG. 9.

FIG. 10.

WEST

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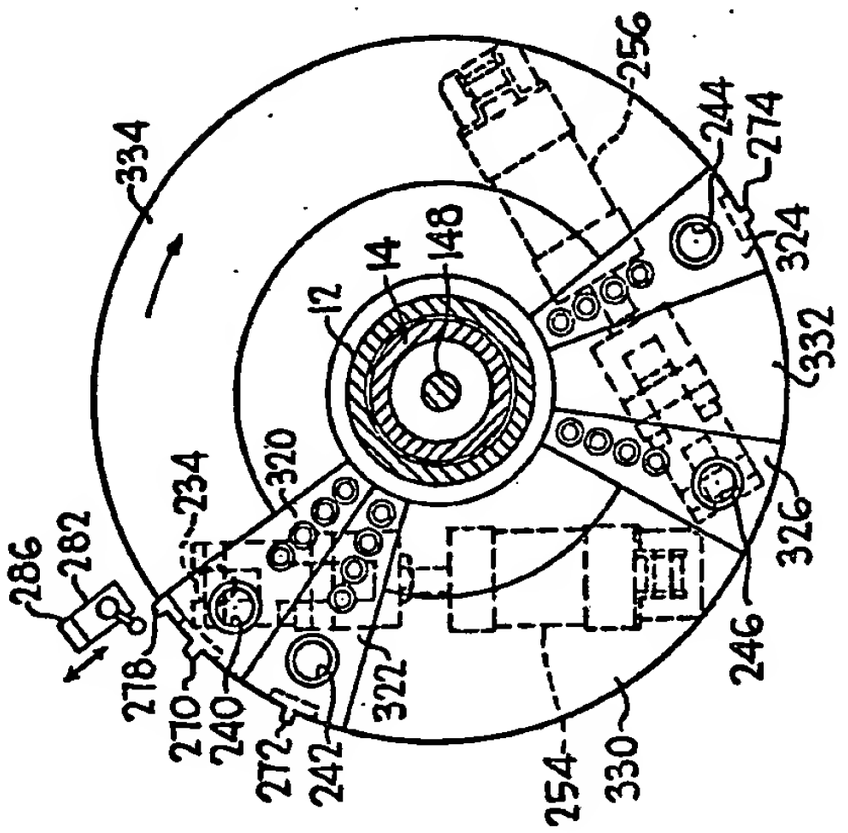

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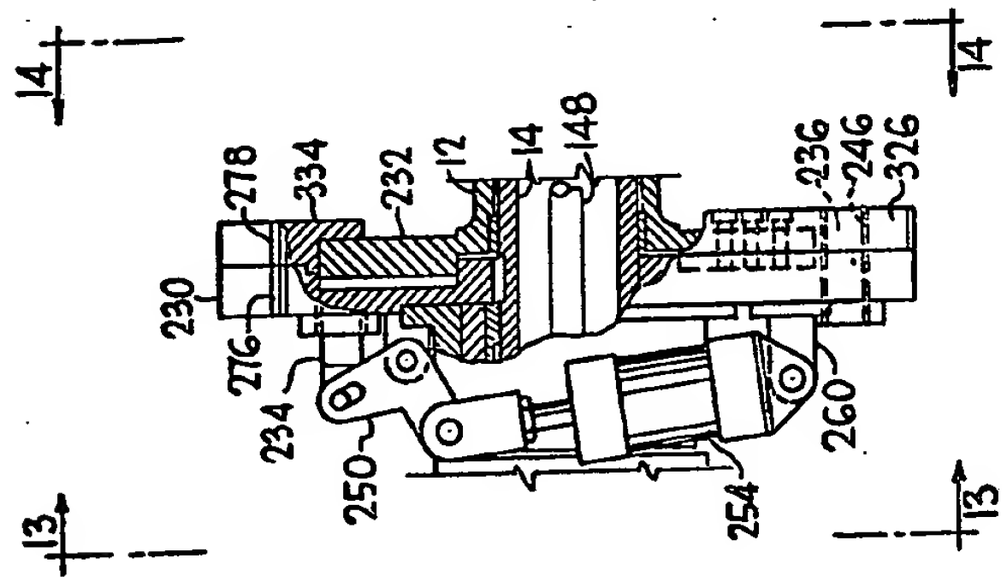

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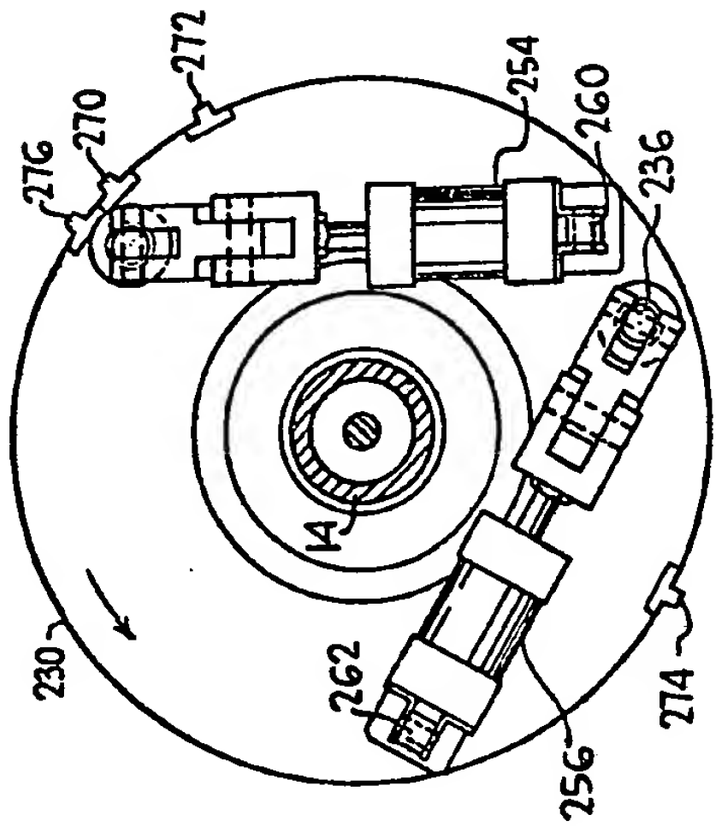

FIG. 13.

WEST

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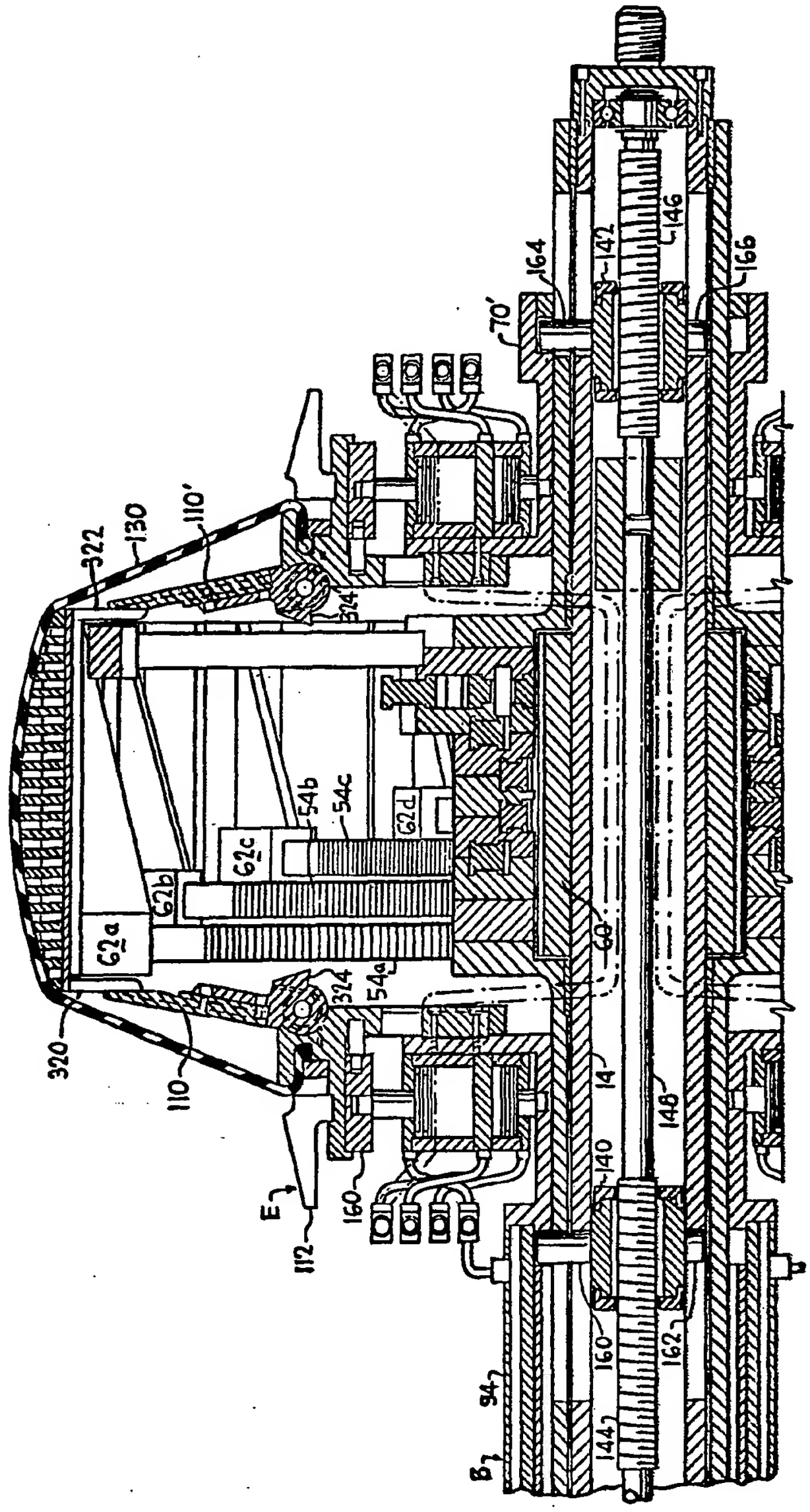

FIG. 15.

WEST